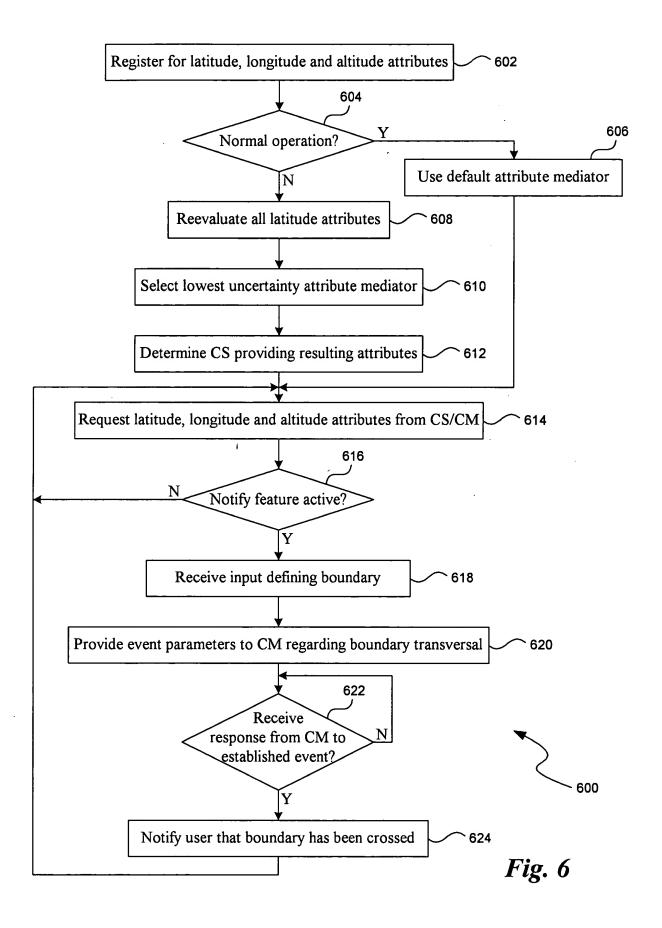
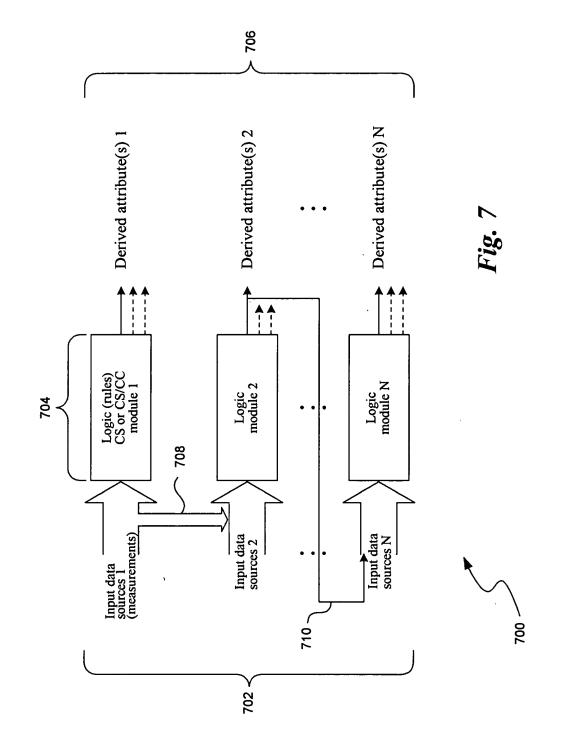


Fig. 5B



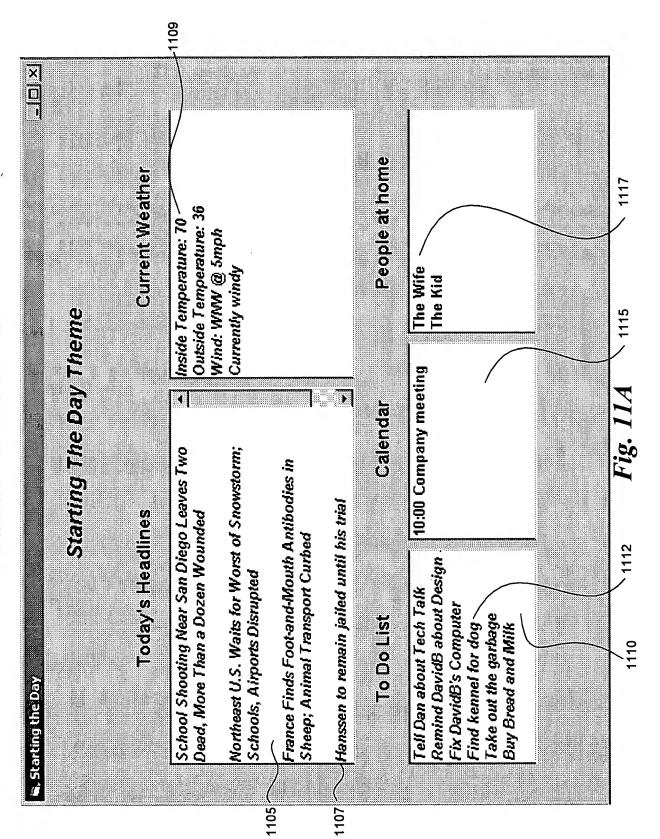


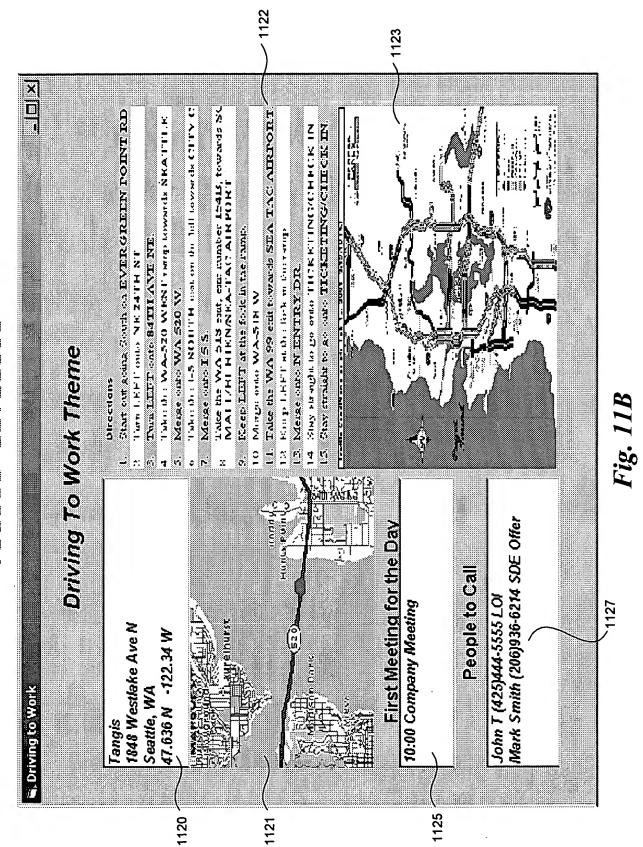
User.	Platform. (continued)
Desired_privacy_level	CPU.
Interruptibility	Load
Speed	Speed Fig. 9
Direction	Memory. Fig. 8
Acceleration	Total_capacity
Availability.	Used
Cognitive availability	Storage.
Tactile_availability	Total_capacity
Manual availability	Used
Visual_availability	Connectivity.
Oral availability	Connection status
Auditory_availability	Connection speed
Proximity. <item name="" or="" place=""></item>	Connection type/device
Mood.	Connection_activity
Happiness	Power.
Sadness	Power source
Anger	Power level
Frustration	Environment.
Confusion	People.
Activity.	Nearest
Driving	Number_present
Eating	Number_close
Running	Local.
Sleeping	Time
Talking	Date
Typing	Temperature
Walking	Pressure
Location.	Wind speed
Place name	Wind direction
Latitude	Absolute humidity
Longitude	High_forecast_temperature
Altitude	Low_forecast_temperature
Room	People_present
Floor	Ambient_noise_level
Building	Ambient_light_level
Address	Days. <pre>previous or future>.</pre>
Street	High_temperature
City	Low temperature
County	Precipitation_type
State	Precipitation_amount
Country	Place. < place name >. (same as Environment. Local)
Postal Code	Application.
Destination. (same as User.Location.)	Mail.
Physiology.	Available
Pulse	New_messages_waiting
Body_temperature	Messages waiting to be sent
Blood_pressure	Phone.
Respiration	Available
Person. <name id="" or="">. (same as User.)</name>	In_use
Platform.	On/off
UI.	Notification_mechanism
Oral_input_device_availability	Call_incoming
Manual input device availability	Caller ID
Tactile_output_device_availability	Sound recorder.
Visual_output_device_availability	Available
Auditory output device availability	Recording

User Setting	Computer $Fig.$. 9
Mental Context	Power	
Meaning	Configuration	
Cognition	User Input Systems	
Divided User Attention	Hand/Haptic	
Task Switching	Keyboard/Keystrokes	
Background Awareness	Voice/Audio	
Solitude ,	Eye Tracking	
Privacy	Cursors	
Desired Privacy	Axis	
Perceived Privacy	Resolution	
Social Context	Selection	
Affect	Invocation	
Physical Situation	Accelerators	
Body	Output Systems	
Biometrics	Visual	
Posture	Resolution	
Motion	Audio	
Physical Encumberment	Public/Private	
Senses	Haptic	
Eyes	External Resources	
Ears	I/O devices	
Tactile	Connectivity	
Hands	Data	
Nose	Quantity/State	
Tongue	Urgency/Importance	
Workload demands/effects	Use of Prominence	
Interaction with computer devices	Modality	
Interaction with people	Sensitivity/Purpose	
Physical Health	Privacy Issues	
Environment	Use of Association	
Time/Space	Use of Safety	
Objects	Source/Ownership	
Persons	Types	
Audience/Privacy Availability	User generated	_
Scope of Disclosure	Other computers or peop	ole
Hardware affinity for privacy	Sensor	
Privacy Indicator for User	PC State	
Privacy Indicator for Public	Use of Association	
Watching Indicator		
Being Observed Indicator		
Ambient Interference		
Visual		
Audio		
Tactile		

 ► Computing device Network 1080 Thematic Response Computing Device 1000 1015 1012 1013 1017 Computer-readable media drive Output devices Input devices Network connection 1005 CPU 1032 Context Chooser Modeler 1040 Memory 1030 1045 1043 1041 Current Theme Layout Selector Current Theme Identifier Current Theme Set Determiner 1035 Theme Layout Presenter Theme 1033 1031 Context Modeler Context Model User preference/ customization data 1027 1029 1023 1025 1021 Storage 1020 Theme Layout Platform data Content Theme Various content 1070 Information 1060 Context

nosarina nonana





	in the Building To Do List	Tell Dan about Tech Talk Remind DavidB about Design spec deadline. Fix DavidB's Computer Call Mark Smith (206)936-6214 about Job Offer	Tangis Bulletin Board	1 Weekly Company meeting at 10:00pm 2 VIA demo at 3:00pm Penthouse. Everyone invited. 3 Who let my dog out?[Dan] 4 Extra ticket to Sonics/Lakers game tonight[Josh] 5 Who used decaf on the non decaf container?!?[Alan]
🛋 Arriving At Work	People in the Bu	Ancel Johnson		1 Weekly Company mee 2 VIA demo at 3:00pm Po 3 Who let my dog out?[D 4 Extra ticket to Sonics/L 5 Who used decaf on the

Fig. 11C

1130

Fig. 11D

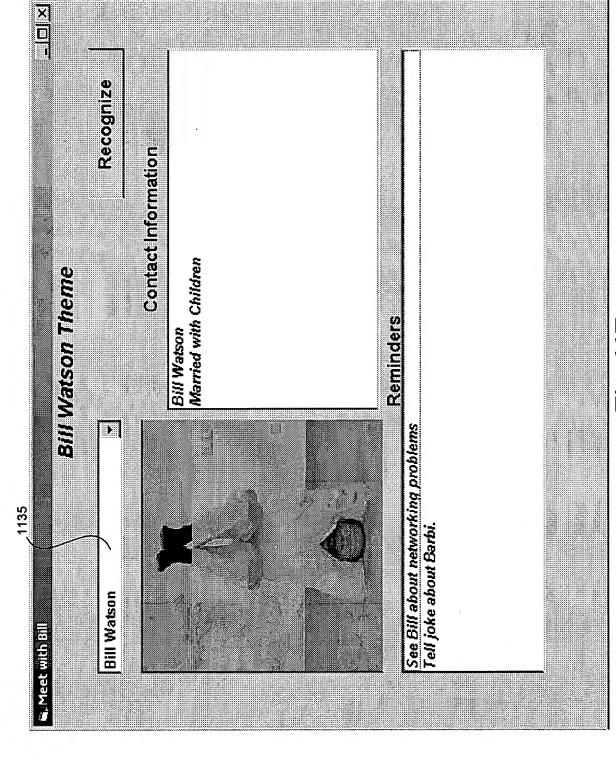


Fig. 11E

ne People Present	Aaron Graves Alan Housley Ancel Johnson Bill Watson Brian Rose Cesar Alvarez	David Jukes Dorothy B.	Jaquie T. Jaquie T. Jeff Fried Jim Robarts Johnson A. Josh Freedman Kanisha Patel Ken Abott Lisa Davis Molly Fitch Scott Price Stan Emert
Meeting Theme Things to bring up	Tell group what you did last week Tell group what you plan to do this week Tell group about your new invention. Tell group about your upcoming skiing trip. Kudos for Stan and Dorothy for finishing report	Notes	Finished coding Turing Machine on Monday. Did bug bash on Tuesday. Survived an earthquake on Wednesday. Worked on CTK demo rest of last week Continuing work on CTK demo rest of this week

Fig. 11F

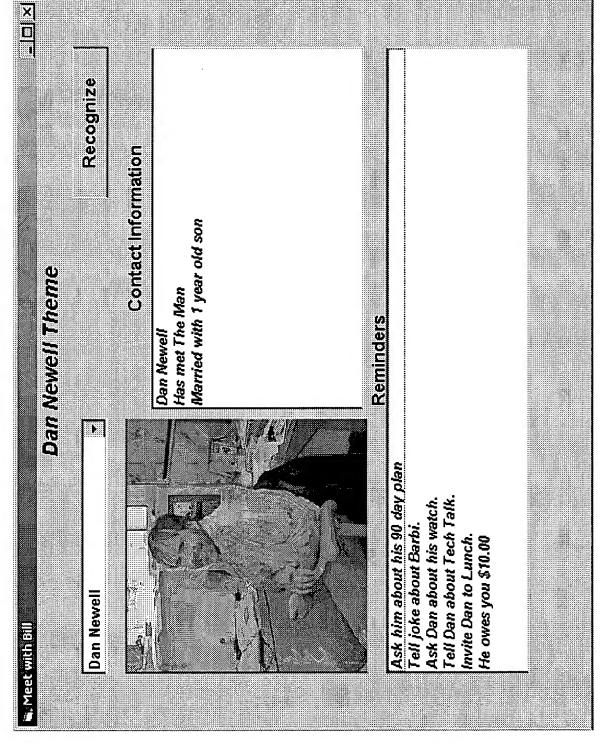


Fig. 11G

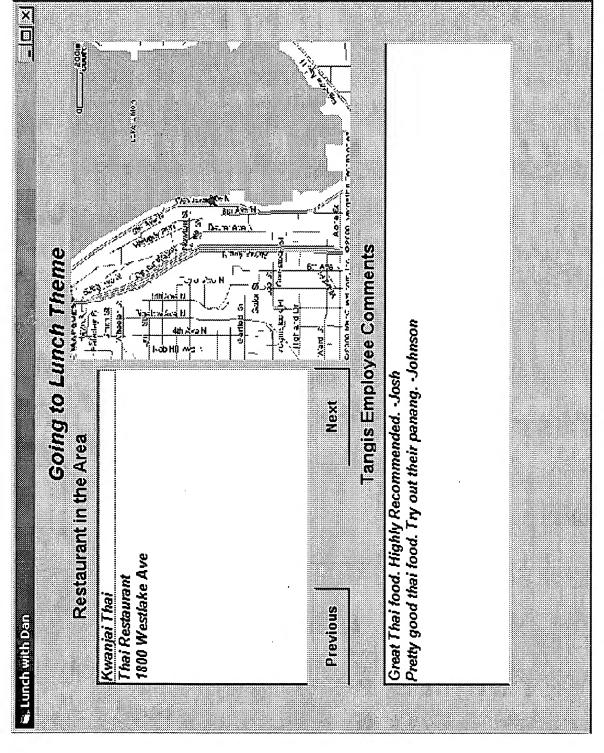


Fig. 11H

	Notes Currently inoperative Josh noticed a loud noise coming from the hard disk. He said it might be a problem with the	disk's brake pads. If he mentions this again, humor him.	
S. Reparing a PC Theme Computer Equipment Josh's Computer	Description Dell XPS 4000 Purchase Date: 11/20/2000 Tangis Tag: PC001	Software Installed Office 2000 Visual Studios 6.0 MS Entertainment Pack Boeing Marketing Tutorial: How to talk like a techie	Creative Sound Blaster 10.0 card Ricoh 32X CDRW MS USB Microphone Intel TR1688 100Mbps Token Ring

Fig. 111

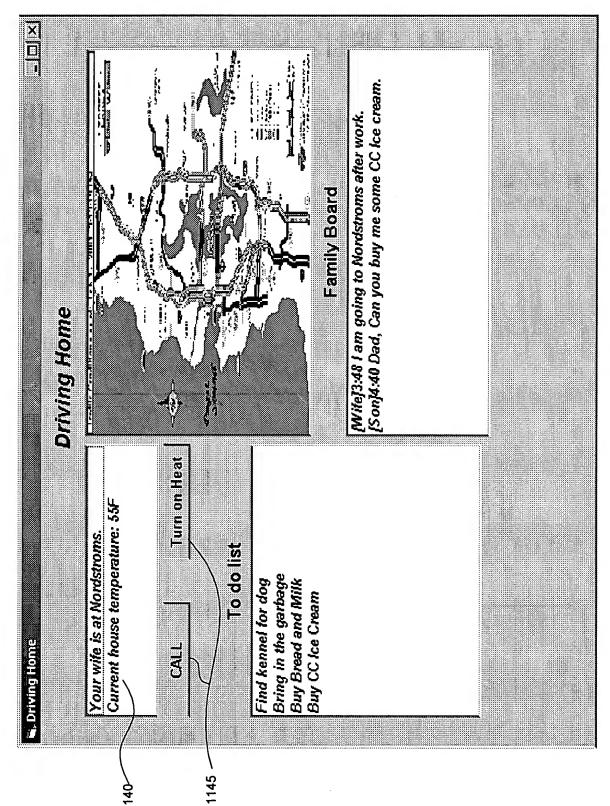
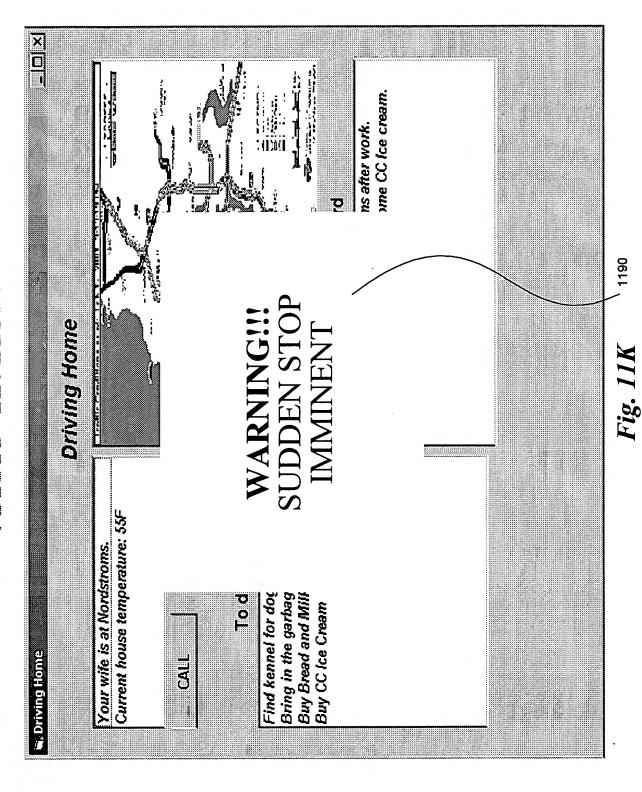


Fig. 11J

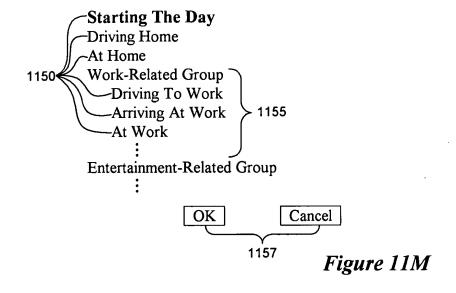


me What's on TV	07:00 Komo TV Local News (4) 07:30 Wall Street Week (9) 08:00 Survivor III (1) 09:00 X-Files (13) 10:00 Big Apple (7)	People At Home	The Wife	
Starriving Home Arriving Home To do list	Find kennel for dog. Bring in the garbage. Help Junior with Homework.	Family Board	[Spouse]3:48 I am going to Nordstroms after work. [Son]4:40 Dad, Can you buy me some CC Ice cream. [Spouse]5:15 Fill be home at around 6:30. Get dinner. [You]5:15 Sure Son. [You]6:00 Fin home.	

Fig. 11L

Example Current Theme Selection

Select A New Current Theme



Example Current Theme Set Modification

Current Theme Set

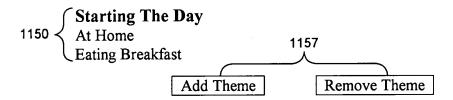
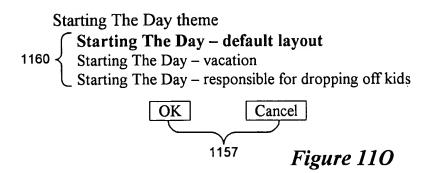
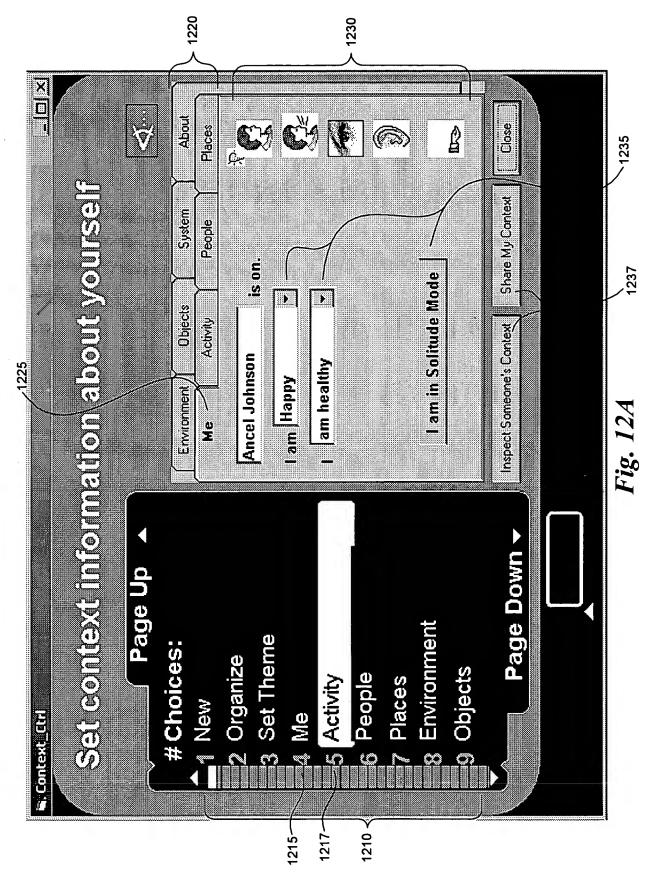


Figure 11N

Example Current Theme Layout Selection

Select A New Current Theme Layout





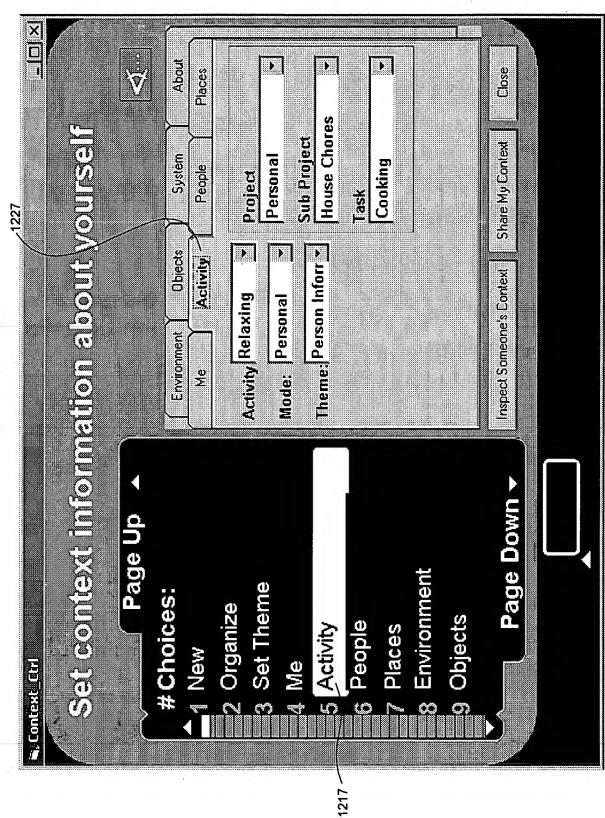


Fig. 12B

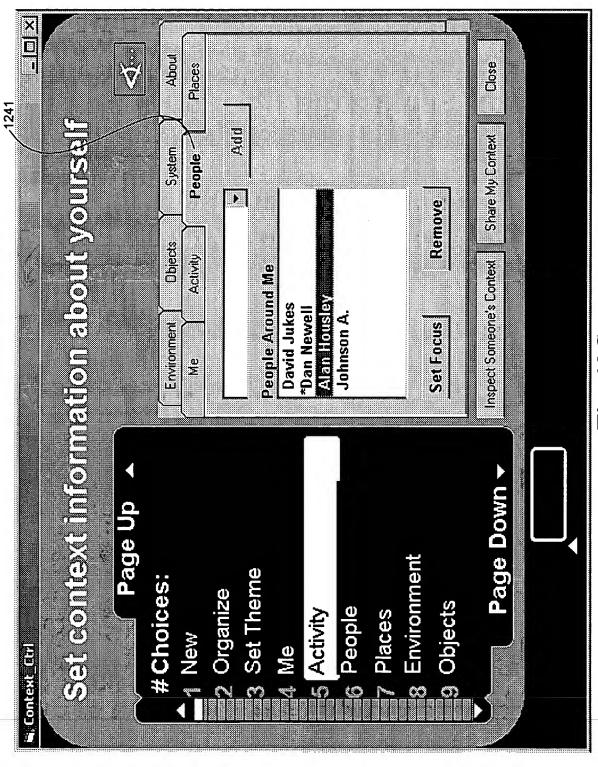


Fig. 12C

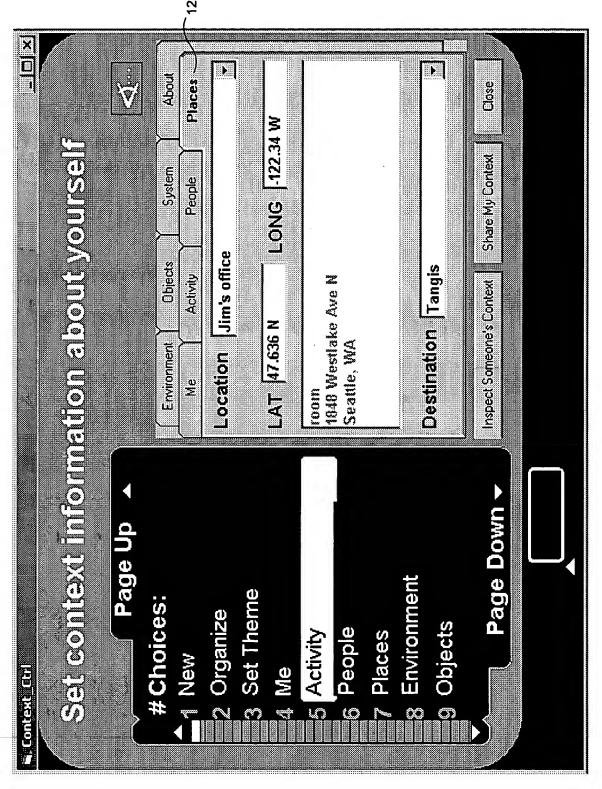


Fig. 12D

	Flaces S Environment S Environment Objects It is windy It is windy It is windy It is windy It
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Fig. 12E

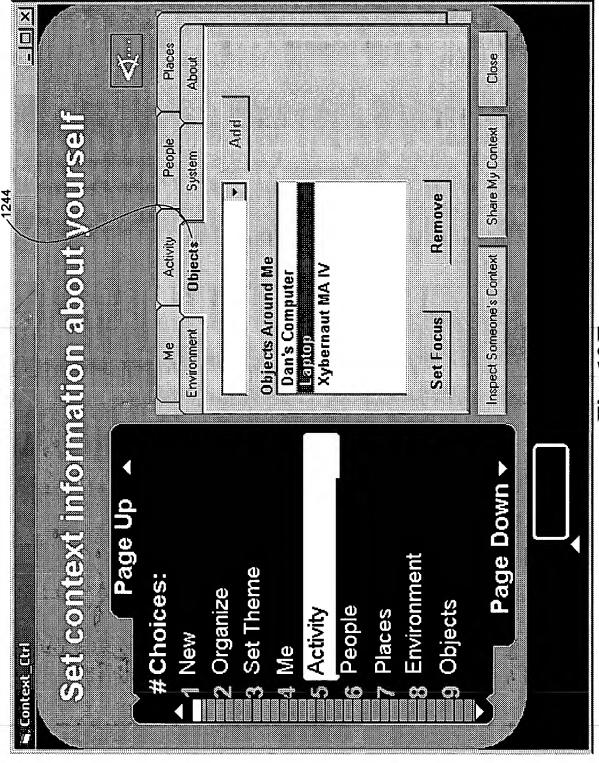


Fig. 12F

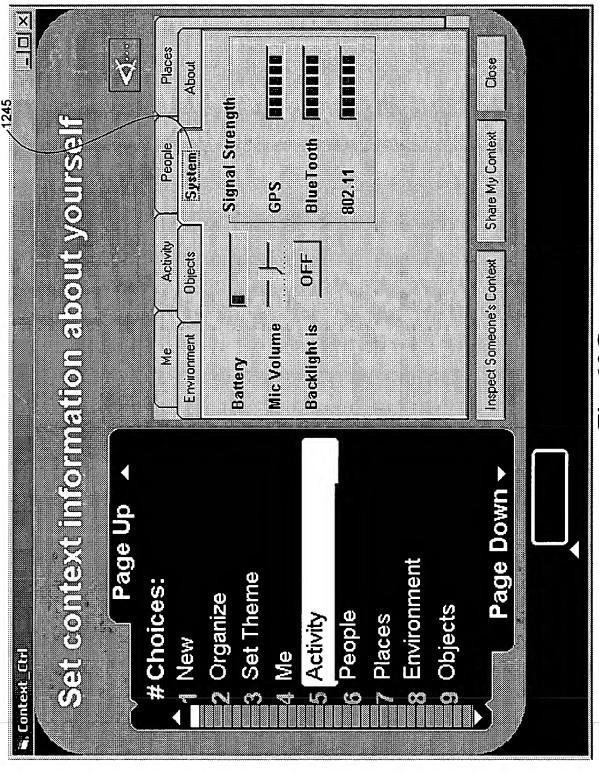


Fig. 12G

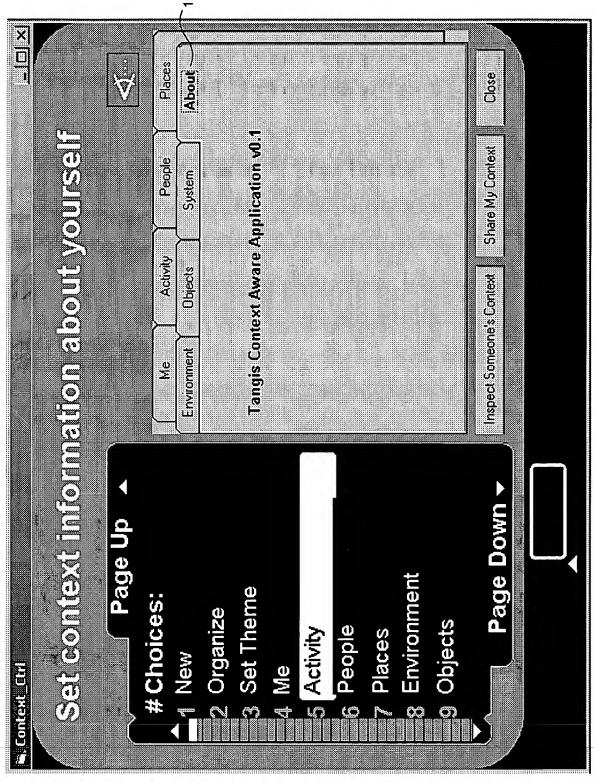
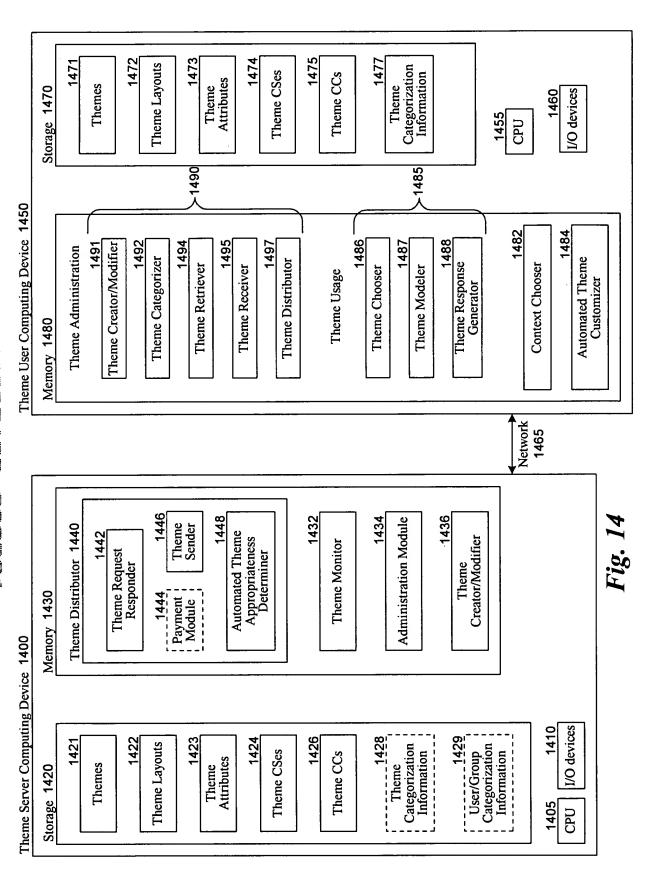
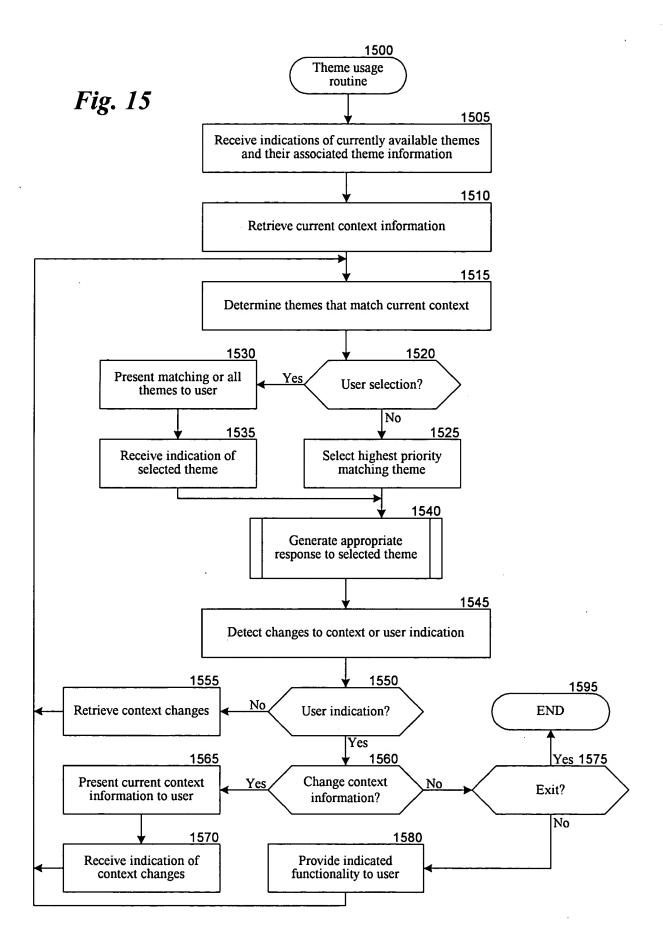
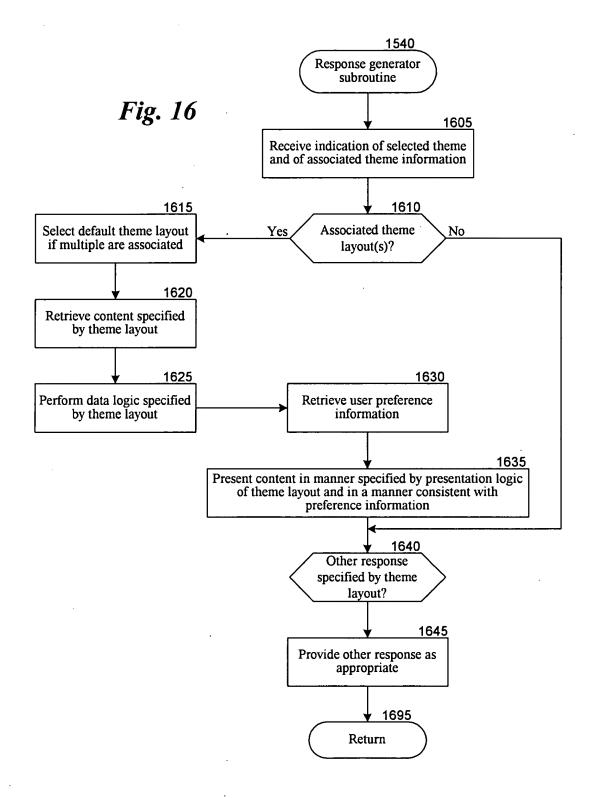


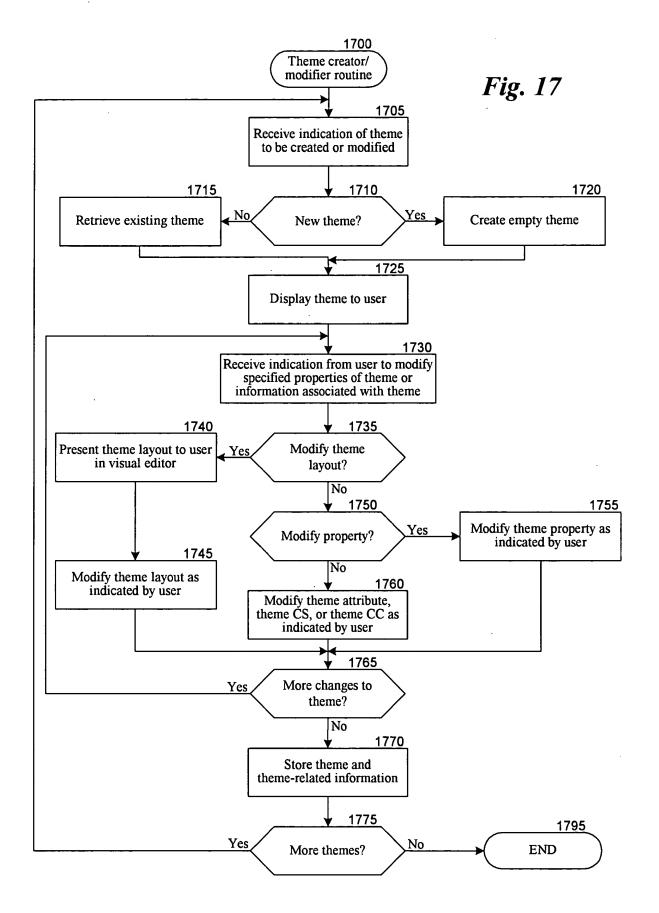
Fig. 12H

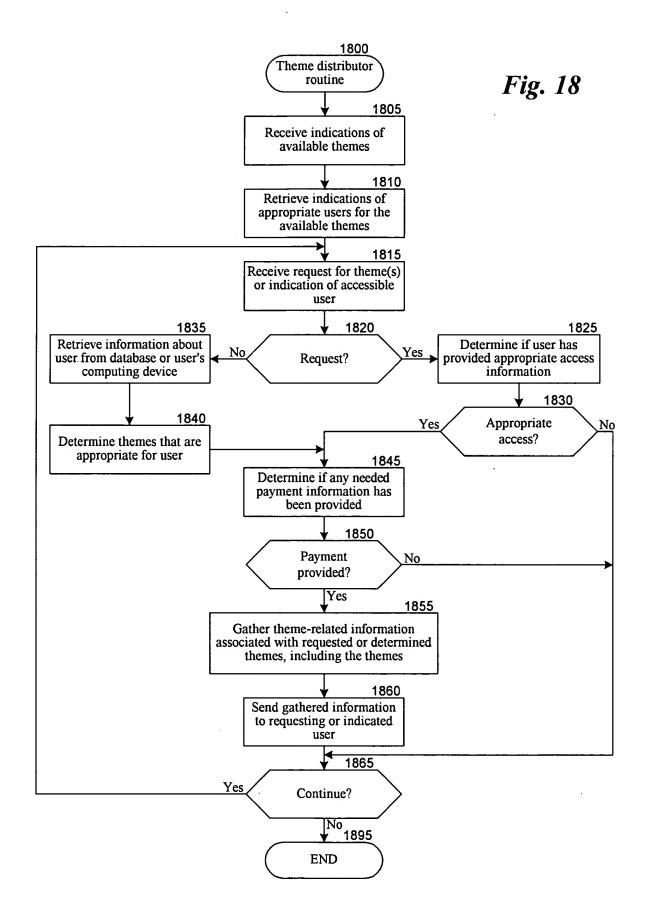
Fig. 13

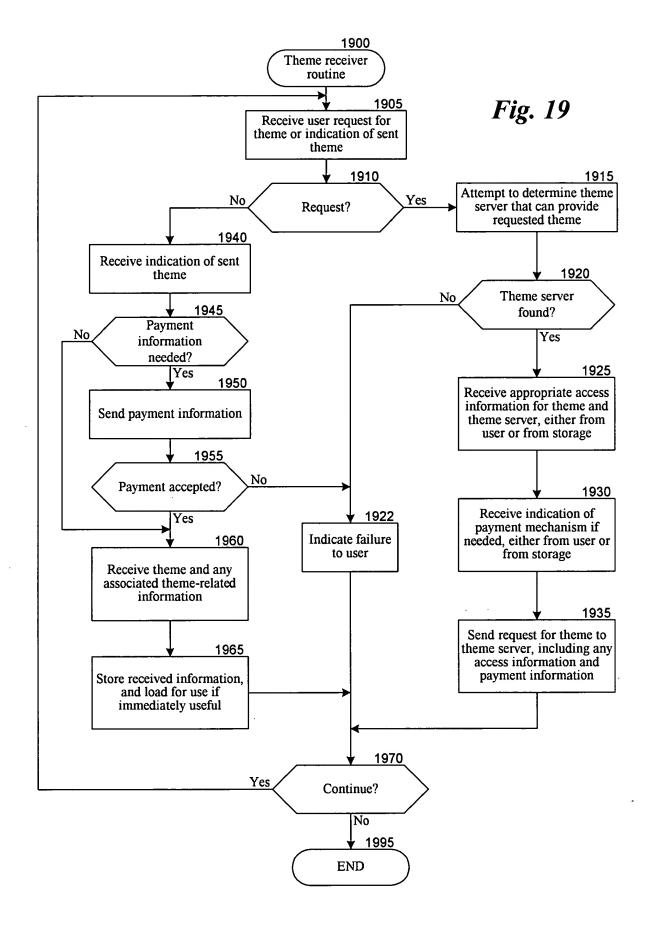


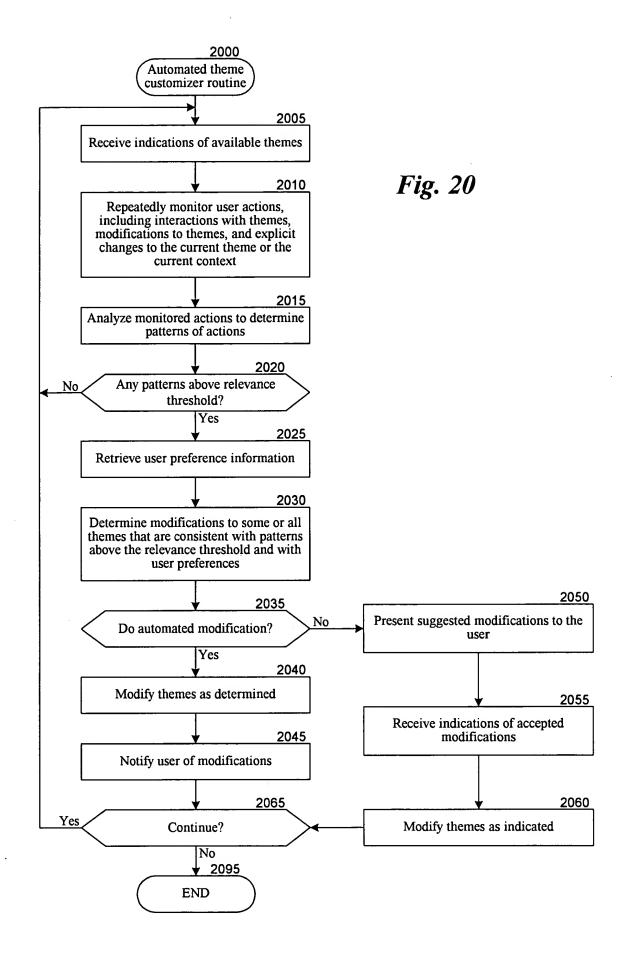


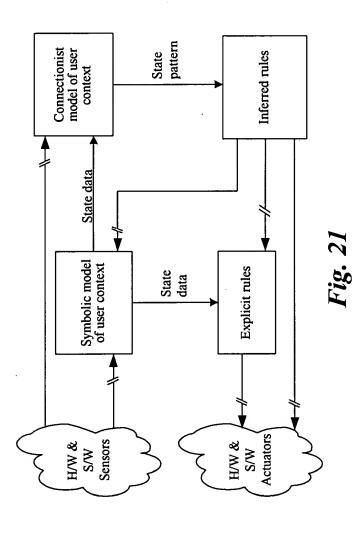


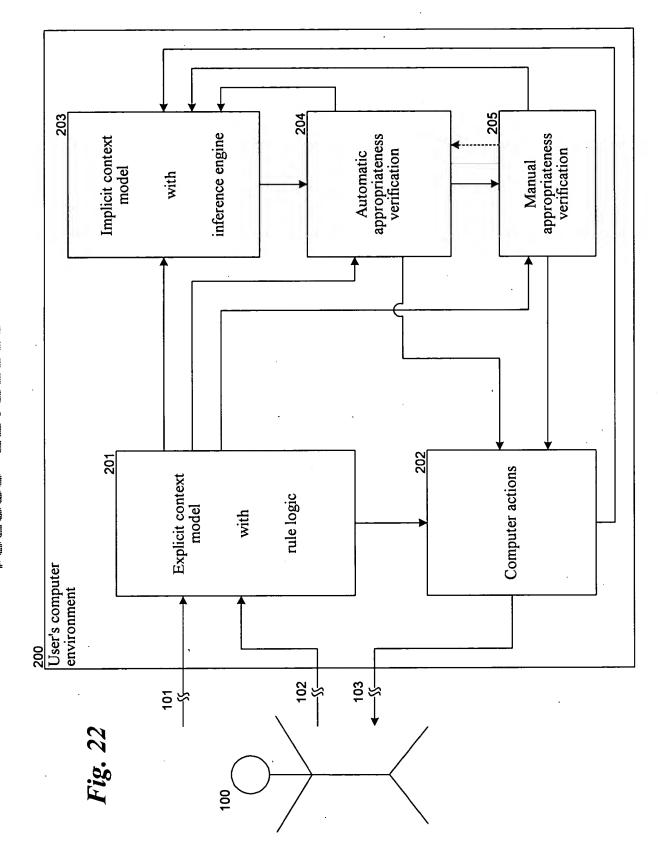


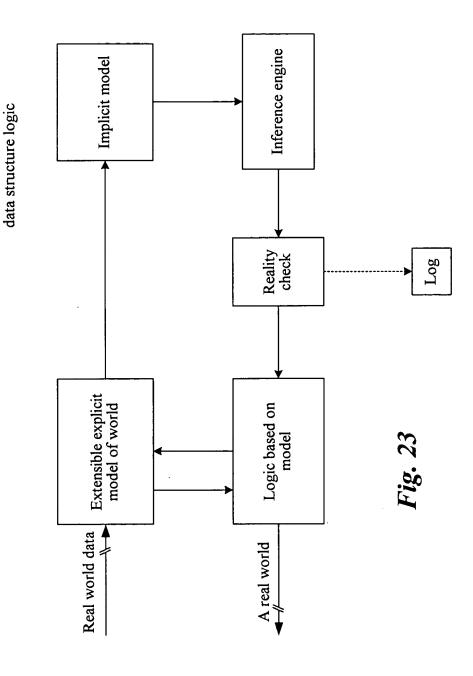


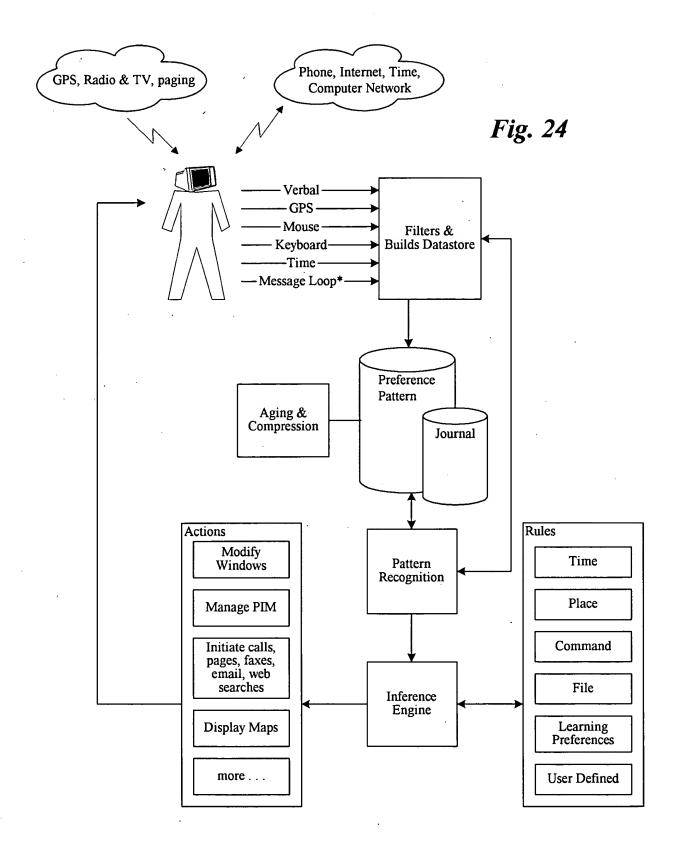












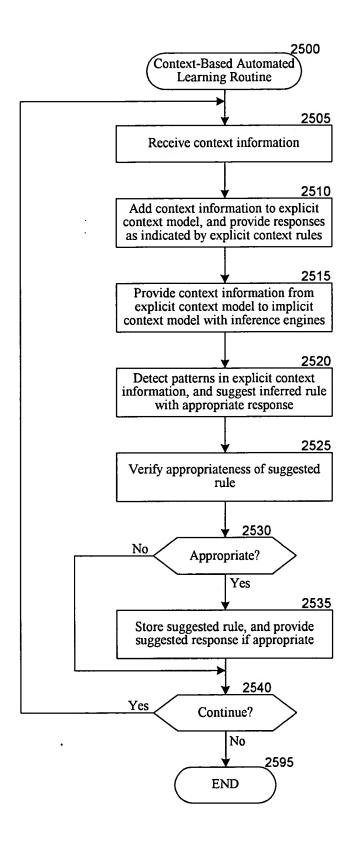


Fig. 25

